

s/n: 10/601,910  
date: 2-19-05

(((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or 382 (396/526)).CCLS.) and ( (lens or lenslet) with flange)	US-PGPUB; USPAT; IBM_TDB	2/19/05 15:52
1494 (pick\$2up with lens) and formula ((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or 4125 (396/526)).CCLS.	US-PGPUB; USPAT; IBM_TDB	2/19/05 15:52
20 2 and 3 (pick\$2up adj2 lens) and ((maximum adj2 diameter) with (effective 3 adj2 diameter)) (pick\$2up adj2 lens) and ((surface adj2 interval) with (air with 2 interval)) (((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or 350 (396/526)).CCLS.) and ( (lens or lenslet) with flange)	US-PGPUB; USPAT; IBM_TDB	2/19/05 15:52
1 ("6381072").PN.	US-PGPUB; USPAT; IBM_TDB	2/19/05 15:54
1 ("20040047274").PN.	US-PGPUB; USPAT; IBM_TDB	2/19/05 15:58
11	US-PGPUB; USPAT; IBM_TDB	2/19/05 15:58
11	US-PGPUB; USPAT; IBM_TDB	2/19/05 15:51
1 ("6381072").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	10/26/04 16:46
1 ("6373635").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	10/26/04 16:46
10 5370768.URPN. ("3706486"   "4512641"   "4755017"   "4835078"   "5239412"   "5260152"   "5276538"   "5370768"   "5446815"   "5540799"   "5543942"   "5581605"   "5638469"   "5661831"   "5681757"   "5694246"   "5835517"   "5850276"   "5853960"   "5938989"	US-PGPUB; USPAT; IBM_TDB	10/26/04 15:48
21 "6160672").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	10/26/04 15:48
1 6324010.URPN.	US-PGPUB; USPAT; USOCR; IBM_TDB	10/18/04 17:40
3983 ((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or 3792 (396/526)).CCLS. ((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or 3792 (396/526)).CCLS. ((lens adj array) same (dic\$5 or cut\$5) same (adhesive or glue or epoxy)) and (((359/819,811,619,621,823,824,814) or (353/100) or 7 (362/455) or (396/526)).CCLS.) (lens adj array) same (dic\$5 or cut\$5) same (adhesive or glue or 30 epoxy)	USPAT USPAT	10/18/04 17:39 10/18/04 17:20
4 AMANAI-TAKAHIRO.in.	US-PGPUB; USPAT; USOCR; IBM_TDB	10/18/04 17:19 10/18/04 17:16
1 ("20030048739").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	10/18/04 17:12
25 4695719.URPN.	US-PGPUB; USPAT; USOCR; IBM_TDB	10/18/04 17:11
5 lenslet with detector with attach\$5	US-PGPUB; USPAT; IBM_TDB	10/18/04 17:11
0 lenslet with detector with adhe\$8	US-PGPUB; USPAT; IBM_TDB	10/18/04 17:00
	US-PGPUB; USPAT; IBM_TDB	4/29/04 17:23
	US-PGPUB; USPAT; USOCR; IBM_TDB	4/29/04 17:23
	USPAT	4/29/04 16:15
	US-PGPUB; USPAT; IBM_TDB	4/29/04 16:14
	US-PGPUB; USPAT; IBM_TDB	4/29/04 16:13

273 lenslet with detector	US-PGPUB; USPAT; IBM_TDB	4/29/04 16:13
US-5703861-\$.DID. OR US-0555716-\$.DID. OR US-6568862-\$.DID.	US-PGPUB; USPAT;	
4 OR US-6236669-\$.DID.	IBM_TDB	4/29/04 16:11
((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or	US-PGPUB; USPAT; USOCR;	
3795 (396/526)).CCLS.	IBM_TDB	4/29/04 14:59
((lens with array) with filter) and (((359/819,811,619,621,823,824,814)	US-PGPUB; USPAT;	
57 or (353/100) or (362/455) or (396/526)).CCLS.)	IBM_TDB	4/29/04 14:59
	US-PGPUB; USPAT; USOCR;	
0 ("(lenswitharray)withfilter").PN.	IBM_TDB	4/29/04 14:58
	US-PGPUB; USPAT;	
1818 (lens with array) with filter	IBM_TDB	4/29/04 14:58
0 20030179457.URPN.	USPAT	4/28/04 14:40
((("5151790") or ("20030128442") or ("20010038500") or	US-PGPUB; USPAT; USOCR;	
4 ("20030179457")).PN.	IBM_TDB	4/28/04 14:36
("3706486"   "4512641"   "4755017"   "4835078"   "5239412"		
"5260152"   "5276538"   "5370768"   "5446815"   "5540799"		
"5543942"   "5581605"   "5638469"   "5661831"   "5681757"		
"5694246"   "5835517"   "5850276"   "5853960"   "5938989"		
21 "6160672").PN.	USPAT	4/28/04 14:25
1 6324010.URPN.	USPAT	4/28/04 14:21
16 3706486.URPN.	USPAT	4/28/04 14:05
2 6473238.URPN.	USPAT	4/28/04 14:02
("2313947"   "3255665"   "3503315"   "3530779"   "3544190"		
"3675553"   "3683773"   "3706486"   "3853395"   "3978500"		
"4094585"   "4114983"   "4128324"   "4140370"   "RE30804"		
"4425501"   "4632522"   "4668063"   "4708920"   "4732453"		
"4747667"   "4882262"   "5083199"   "5166830"   "5278608"		
"5279912"   "5281301"   "5300263"   "5310623"   "5349471"		
"5373335"   "5475536"   "5536455"   "5543966"   "5579164"		
"5680252"   "5717453"   "5757545"   "5933276"   "5969863"		
45 "5978159"   "5995304"   "6118597"   "6288842"   "6473238").PN.	USPAT	4/28/04 14:02
24 3503315.URPN.	USPAT	4/28/04 14:02
14 5536455.URPN.	USPAT	4/28/04 14:01
(((((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or		
(396/526)).CCLS.) and ( (lens or lenslet) and die and cut\$5 and mold))		
not (((((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or		
(396/526)).CCLS.) and ( (lens or lenslet) and die and cut\$5 and	US-PGPUB; USPAT;	
40 flange))	IBM_TDB	4/28/04 14:00
26 5298366.URPN.	USPAT	4/28/04 14:00
	US-PGPUB; USPAT;	
4289 (lens or lenslet) with flange	IBM_TDB	4/28/04 13:59
	US-PGPUB; USPAT;	
969 (lens or lenslet) and die and cut\$5 and flange	IBM_TDB	4/28/04 13:59
	US-PGPUB; USPAT;	
2125 (lens or lenslet) and die and cut\$5 and mold	IBM_TDB	4/28/04 13:59
	US-PGPUB; USPAT;	
45 (((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or	IBM_TDB	4/28/04 13:59
(396/526)).CCLS.) and ( (lens or lenslet) and die and cut\$5 and mold)		
(((((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or		
(396/526)).CCLS.) and ( (lens or lenslet) and die and cut\$5 and	US-PGPUB; USPAT;	
21 flange)	IBM_TDB	4/28/04 13:57
("4249271"   "4254065"   "4332443"   "4562600"   "4799793"		
10 "5192319"   "5347326"   "5776191"   "5781351"   "5838496").PN.	USPAT	4/28/04 13:48
14 5838496.URPN.	USPAT	4/28/04 13:48

184 ((lens or lenslet) with flange) with (epoxy or cement\$5 or glue\$5 or adhesive)	US-PGPUB; USPAT; IBM_TDB	4/28/04 13:47
150 (((((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or (396/526)).CCLS.) and ( (lens or lenslet) with flange)) and (epoxy or cement\$5 or glue\$5 or adhesive)	US-PGPUB; USPAT; IBM_TDB	4/28/04 13:47
30 (((((359/819,811,619,621,823,824,814) or (353/100) or (362/455) or (396/526)).CCLS.) and ( (lens or lenslet) with flange)) and (epoxy or cement\$5 or glue\$5 or adhesive)) and pickup\$2up	US-PGPUB; USPAT; IBM_TDB	4/28/04 13:47
4289 (lens or lenslet) with flange	US-PGPUB; USPAT; IBM_TDB	4/28/04 13:46
1546 ((359/819,811) or (353/100) or (362/455)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	4/28/04 13:45
42 martinez-joseph\$6.xa. (((359/819,811) or (353/100) or (362/455)).CCLS.) and (((lens or lenslet) with flange) with (epoxy or cement\$5 or glue\$5 or adhesive))) not (((((359/819,811) or (353/100) or (362/455)).CCLS.) and ((lens or lenslet) with flange)) and pickup)	US-PGPUB; USPAT; IBM_TDB	4/28/04 13:45
24 (((359/819,811) or (353/100) or (362/455)).CCLS.) and (((lens or lenslet) with flange) with (epoxy or cement\$5 or glue\$5 or adhesive))	US-PGPUB; USPAT; IBM_TDB	4/28/04 9:32
18 (((359/819,811) or (353/100) or (362/455)).CCLS.) and ((lens or lenslet) with flange)) and pickup	US-PGPUB; USPAT; IBM_TDB	4/28/04 9:30
220 (((359/819,811) or (353/100) or (362/455)).CCLS.) and ((lens or lenslet) with flange)	US-PGPUB; USPAT; IBM_TDB	4/28/04 9:26
4 AMANAI-TAKAHIRO\$9.in.	US-PGPUB; USPAT; IBM_TDB	4/28/04 9:25
		4/28/04 9:16